## Index of Claims

| Application No. | Applicant(s) |  |  |  |  |  |  |  |  |  |
|-----------------|--------------|--|--|--|--|--|--|--|--|--|
| 09/911,346      | NI ET AL.    |  |  |  |  |  |  |  |  |  |
| Examin r        | Art Unit     |  |  |  |  |  |  |  |  |  |
| Prema M Mertz   | 1646         |  |  |  |  |  |  |  |  |  |

|              |          | <b>√</b>            | Rejected   |                      | _            | (Through numeral) Cancelled                      |            |          |  |          | N                  | Non-Elected                                      |          | d      |             | Α                                  | Appeal             |                 |                 |  |              |              |
|--------------|----------|---------------------|--|----------------------|--------------|--|------------|----------|--|----------|--------------------|--|----------|--------|-------------|------------------------------------|--------------------|-----------------|-----------------|--|--------------|--------------|
|              |          | =                   | Allowed  |                      | ÷            | Restricted                                       |            |          |  | ı        | Interference       |  |          |        | o           | _                                  |                    |                 | ļ               |  |              |              |
|              | Ł        | Q.                  |  | J                    | L            |  |            | E        |  | J        |                    |  |          |        |             | 0                                  |                    |                 |                 |  |              |              |
| Clain        |          |                     | Dat  | .e                   |              | CI   | aim        | M        |  | Dat      | e                  |  |          | Clai   | im          |                                    |                    | Da              | ate             |  |              |              |
|              |          | 2                   |  |                      |              |  |            | . 0      |  |          |                    |  |          |        | <del></del> | ६०/८/७1                            |                    |                 |                 |  |              |              |
| <del> </del> | Original | 1.7                 | -  |                      | ļ            | Final  | Original   | 14       | -  |          |                    |  |          | Final  | Original    | 7                                  |                    |                 |                 |  |              |              |
| Final        | ğ        | 7                   | .  |                      |              | i  | j <u>e</u> | 7        | <b>,</b>   |          |                    |  |          | iĒ     | Ę           | 7                                  |                    |                 |                 |  |              |              |
| 1 - 1 '      | 0        | 7.                  |  |                      |              |  | 1 1        |          |  | L        |                    |  |          |        |             | 2                                  |                    | _               |                 | $\perp$  |              | Ш            |
|              | 1        | <b>✓</b>            |  |                      |              |  |            | ~        |  |          |                    |  | L        |        | 101         | 4                                  | $\perp \downarrow$ | _               | 4               | $\perp$  | <del> </del> | Ш            |
|              | 2        | •                   |  |                      |              |  | 52         | <u> </u> |  | 1_       |                    |  |          |        | 102         | 44                                 | $\perp$            | _               | +               |  | $\bot$       | Н            |
|              | 3        |                     |  |                      | $oxed{oxed}$ |  | 53         | Ŋ        |  | <u> </u> | _                  | $\bot$   | -        |        | 103         | 1                                  |                    | _               | -+              |  | +            | $\vdash$     |
|              | 4        | 1                   |  |                      | _            | $\sqcup$   | 54         | 1        |  | _        | $\perp$            |  | -        |        | 104         | 1                                  |                    | -+              | $\dashv$        | +  | -            | Н            |
|              | 5        | _                   |  |                      | 上            | $\sqcup \sqcup$                                  | 55         | 4        |  | $\vdash$ | _                  |  | -        |        | 105         | ₩                                  | +                  | $\dashv$        | +               | +-   | +            | $\vdash$     |
| -            | 6        |                     |  |                      | <del> </del> | <del></del>                                      | 56         | H        |  | +        | <u> </u>           |  | <b> </b> |        | 106<br>107  | ++                                 | -                  | +               |                 | +  | +            | ++           |
|              | 7        | _                   |  | <b></b>              | -            | <del></del>                                      | 57         | H        | $\vdash$   | ╀        | +-                 | <del>-     -  </del>                             | ┨        |        | 108         | H                                  | -+-+               | +               | $\dashv$        | +  | +            |              |
|              | 8        |                     |  | ++-                  | -            | $\vdash$   | 58<br>59   | +        | <del>-   -</del>                                 | +-       | $\vdash$           |  | -        | -+     | 108         | H                                  | ++                 | $\dashv$        | $\dashv$        | +  | +            | $\vdash$     |
|              | 9        | 4                   |  | +                    | +            | +  | 60         | t        |  | ╁╌       | $\vdash$           | -+-  | -        | -+     | 110         | $H^+$                              | +                  | $\dashv$        | +               | +-   | +            | $\vdash$     |
|              | 10       | Н                   |  | +                    | +            | $H \vdash$                                       | 61         | V        | - -  | $\vdash$ | $\vdash$           |  | -        | -+     | 111         |                                    | +                  | +               | $\top$          | +  | $\top$       | П            |
|              | 11<br>12 | $\vdash$            | <del>                                     </del> | ++                   | +-           | ++   | 62         | . /      | -  | $\vdash$ | +                  | -+-  | 1        | $\neg$ | 112         | 11 +                               | $\dagger \exists$  | $\neg \uparrow$ | 7               | 十  | $\top$       | П            |
|              | 13       | Н                   |  | +                    | +            | H  | 63         | 0        | <del>                                     </del> | +        | $\dagger$          |  | 1        |        | 113         |                                    | 17                 | $\top$          | _               |  | T            | $\Box$       |
|              | 14       |                     |  | +-                   | +            |  | 64         | o        | <del>                                     </del> | $\top$   |                    |  | 1        |        | 114         | II                                 |                    |                 |                 |  |              |              |
|              | 15       |                     |  | + +                  | +            |  | 65         |          | -  | T        |                    |  | 1        |        | 115         | V                                  |                    |                 |                 |  |              |              |
|              | 16       |                     |  | +++                  | +            |  | 66         | Ĭ        |  | $\top$   |                    |  | 1        |        | 116         | N                                  |                    |                 |                 | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\square}}}$ |              |              |
|              | 17       | Н                   | †     <u> </u>                                   | 1                    | T            |  | 67         | 1        |  |          | Ī                  |  | ] [      |        | 117         |                                    |                    |                 |                 | $\perp$  |              | $\sqcup$     |
|              | 18       |                     |  | 1                    | 1            |  | 68         |          |  |          |                    |  | ] [      |        | 118         |                                    |                    |                 |                 |  |              | Ш            |
|              | 19       | $\Box$              |  |                      | "            |  | 69         |          |  |          |                    |  |          |        | 119         |                                    |                    | _               | _               | $\bot$   |              | $\perp$      |
|              | 20       | V                   |  |                      |              |  | 70         |          |  |          |                    |  | .l L     |        | 120         | Ш                                  |                    | _               | _               |  |              | $\perp$      |
|              | 21       | N                   |  |                      |              |  | 71         |          |  | 1_       | ┖                  |  | 1        |        | 121         | $\sqcup \!\!\! \perp \!\!\! \perp$ | $\dashv$           | _               | 4               |  | -            | $\vdash$     |
|              | 22       | 1                   |  |                      |              |  | 72         |          |  | $\perp$  | ┶                  |  | ↓ ↓      |        | 122         | $\sqcup H$                         |                    | $\dashv$        |                 | -  | $\perp$      | $\downarrow$ |
|              | 23       | П                   |  |                      |              |  | 73         | L        |  | $\perp$  | ╄                  |  |          |        | 123         | 1                                  |                    |                 | -               | +  |              |              |
|              | 24       | Ц                   |  |                      |              |  | 74         | 1        | 111  | ┷        | $oldsymbol{\perp}$ |  | 1 }      |        | 124         |                                    | -                  | _               |                 | +  | _            | +            |
|              | 25       | Ш                   |  | $\bot\bot$           |              |  | 75         | 1        | $\bot$   | $\bot$   | $\perp$            |  | <b>↓</b> |        | 125         | <b>V</b>                           |                    |                 | -+              | +  |              | +            |
|              | 26       | Ш                   |  | $\perp \perp$        | _            | <u> </u>   | 76         |          |  | $\bot$   | $\vdash$           |  | - I      |        | 126         |                                    |                    | -               | $\dashv$        | +  | +            | ╀┤           |
|              | 27       | Ш                   | $\Box$   | 44                   | 4_           | <b>⊢</b>   | 77         | 1        | ++   | +        | +                  |  | 1 F      |        | 127<br>128  | 0                                  | +                  | $\dashv$        | -               | +  | +            | +            |
|              | 28       | <b>V</b>            | 1  | +                    | -            | <b></b>  | 78         | ╄        | <del>                                     </del> | +        | $\vdash$           | <del>                                     </del> | ┨╌       |        | 129         | 1 -                                | +                  |                 | $\dashv$        | +  | +-           | +            |
|              | 29       | V                   | 1  |                      | +            | +  | 79         | ╂        | +  | +        | ╁                  | <del>                                     </del> | ┨        |        | 130         | +                                  | +                  | $\vdash$        | +               | +  | +            | +            |
|              | 30       | ~                   |  | +                    | +-           | +  | 80         | 1        |  | +-       | ╁                  | <del>                                     </del> | 1        |        | 131         | ++                                 | -                  | -               | -+              | +  | +            | +            |
|              | 31       | ×                   | 1-1-1-   |                      | -            | +  | 82         | ╫        | ++   | +        | +-                 |  | 1 h      | _      | 132         | 1 1                                |                    | _               | $\dashv$        | -  | $\top$       | +            |
|              | 32<br>33 | 0                   |  | +                    | +-           | +  | 83         | 1        | <del>]      </del>                               | +-       | +                  | +++-   | 1        |        | 133         | T                                  | $\top$             |                 | 1               | 十  | $\top$       | $\top$       |
|              | 34       | 0                   |  |                      | +-           | +  | 84         | 1        |  | 1.       | +                  | $\Box$   | 1 1      |        | 134         | $\Box$                             |                    |                 | 寸               | $\neg$   |              |              |
| 1            | 35       | 1                   |  | +                    | +            |  | 84<br>85   | ΤŤ       |  |          | 1                  |  | 1        |        | 135         |                                    |                    |                 | $\Box$          |  |              |              |
|              | 36       | ╁                   | <del>                                     </del> | 1                    | +            | $\dagger \dagger \vdash$                         | 86         | Ħ        |  | T        | 1                  |  | 1 [      |        | 136         |                                    |                    |                 |                 |  |              |              |
|              | 37.      | $^{\dagger\dagger}$ | 1 1 1  |                      | ╁            |  | 87         | 11       |  | $\top$   | Τ                  |  | 7 [      |        | 137         |                                    |                    |                 |                 |  |              | $\perp$      |
|              | 38       | Ħ                   |  |                      |              |  | 88         | $\sqcap$ |  |          | Τ                  |  | ] [      |        | 138         |                                    |                    |                 |                 |  |              |              |
| l i          | 39       | T                   | 1 1 1  | -                    |              |  | 89         | П        |  |          | I.                 |  | ] [      |        | 139         |                                    |                    |                 |                 | $\dashv$   |              |              |
|              | 40       | П                   |  |                      | Τ            |  | 90         | П        |  |          |                    |  | ] [      |        | 140         |                                    |                    |                 |                 |  |              | <del>↓</del> |
|              | 41       | П                   |  |                      |              |  | 91         | N        |  |          | ╽.                 |  | 1 .      |        | 141         | $\perp$                            |                    |                 |                 | _  |              | +            |
|              | 42       | $\prod$             |  |                      |              |  | 92         | y        | 1  | 1        |                    | $\bot\bot\bot$                                   | -        |        | 142         |                                    |                    | $\sqcup$        | $\rightarrow$   | $\dashv$   | +            | 4            |
|              | 43       | Ш                   |  |                      |              |  | 93         | ~        | 1 1 1  |          | _                  |  | ┧┟       |        | 143         |                                    |                    | $\vdash$        |                 | +  | +            | +            |
|              | 44       | Щ                   |  | $\perp \perp \perp$  | _            | $\sqcup \sqcup$                                  | 94         | V        | 1  |          | $\perp$            | 1-1-   | -        |        | 144         |                                    | +                  | $\vdash$        | $\dashv$        | +  | +            | +            |
|              | 45       | $\coprod$           |  | $\perp \!\!\! \perp$ | $\bot$       | <del>                                     </del> | 95         | C        |  | +        | +                  |  | ┧┟       |        | 145<br>146  |                                    |                    | $\vdash$        | $\vdash$        | +  | +            | +            |
|              | 46       | $\prod$             | 1-1-1-   | ++                   | $\perp$      | <del>                                     </del> | 96         | ĻC       | <u> </u>   | +        | +                  | +  | -        |        | 147         |                                    | +-                 | $\vdash$        | $\vdash$        | +  | +            | +            |
|              | 47       | $\coprod$           | +++  | +                    | +-           | ++   | 97         | Y        | 1-1-   | +        | +                  | <del>      -</del>                               | ┥┟       |        | 148         |                                    |                    | $\vdash$        | $\vdash$        | +  | +            | +-           |
|              | 48       | $\mathbf{H}$        | <del>                                     </del> | ++                   | +            | ++   | 98         | Н        | <del>                                     </del> | +        | +                  | +  | ┥┟       |        | 149         |                                    | -                  | $\vdash$        | $\vdash \dashv$ | +  | +            | +            |
| -            | 49<br>50 | U                   | <del>,        </del>                             | ++                   | +            | ┥┥ ├─  | 100        | 1        | <i>}</i>   | +        | +                  | +++  | ┨        |        | 150         |                                    | $\dashv$           | $\vdash$        | $\vdash$        | $\dashv$   | $\top$       | T            |
| 1 1          | $\sim$   | 1 1                 | ,, , , , ,                                       |                      |              |  | 1          |          | , 1 I I  |          |                    | 4 1 1  |          |        |             |                                    |                    |                 |                 |  |              |              |